

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
(Use as many sheets as necessary)					
Sheet	1	of	6	Attorney Docket No: 61195-377475	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No ¹	Document Number Number-Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/P.N./	1	3398664	Aug 27, 1968	Bonatsos	
	2	3864708	Feb 4, 1975	Allen	
	3	3892427	Jul 1, 1975	Kraynak et al.	
	4	3899848	Aug 19, 1975	Bunin	
	5	4037249	Jul 19, 1977	Pugsley	
	6	4052739	Oct 4, 1977	Wada et al.	
	7	4130834	Dec 19, 1978	Mender et al.	
	8	4190856	Feb 26, 1980	Ricks	
	9	4240104	Dec 16, 1980	Taylor et al.	
	10	4258385	Mar 24, 1981	Greenberg et al.	
	11	4280148	Jul 21, 1981	Saxena	
	12	4317114	Feb 23, 1982	Walker	
	13	4357492	Nov 2, 1982	Campbell et al.	
	14	4357624	Nov 2, 1982	Greenberg	
	15	4409618	Oct 11, 1983	Inaba et al.	
	16	4439783	Mar 27, 1984	Nishikawa	
	17	4463380	Jul 31, 1984	Hooks, Jr.	
	18	4506289	Mar 19, 1985	Shirakami	
	19	4509043	Apr 2, 1985	Mossaides	
	20	4521014	Jun 4, 1985	Sitrick	
	21	4539585	Sep 3, 1985	Spackova et al.	
	22	4572509	Feb 25, 1986	Sitrick	
	23	4677460	Jun 30, 1987	Fass et al.	
	24	4688105	Aug 18, 1987	Bloch et al.	
	25	4730260	Mar 8, 1988	Mori et al.	
	26	4731743	Mar 15, 1988	Blancato	
	27	4764817	Aug 16, 1988	Blazek et al.	
	28	4783833	Nov 8, 1988	Kawabata et al.	
/P.N./	29	4841378	Jun 20, 1989	Cogert	

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
Sheet	2	of	6	Attorney Docket No: 61195-377475	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No ¹	Document Number Number-Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/P.N./	30	4872056	Oct 3, 1989	Hicks et al.	
	31	4891748	Jan 2, 1990	Mann	
	32	4992781	Feb 12, 1991	Iwasaki et al.	
	33	5057940	Oct 15, 1991	Murakami et al.	
	34	5099337	Mar 24, 1992	Cury	
	35	5117283	May 26, 1992	Kroos et al.	
	36	5184295	Feb 2, 1993	Mann	
	37	5245600	Sep 14, 1993	Yamauchi et al.	
	38	5247126	Sep 21, 1993	Okamura et al.	
	39	5247610	Sep 21, 1993	Oshima et al.	
	40	5249967	Oct 5, 1993	O'Leary et al.	
	41	5262856	Nov 16, 1993	Lippman et al.	
	42	5280530	Jan 18, 1994	Trew et al.	
	43	5289568	Feb 22, 1994	Hosoya et al.	
	44	5345313	Sep 6, 1994	Blank	
	45	5375195	Dec 20, 1994	Johnston	
	46	5384912	Jan 24, 1995	Ogrinc et al.	
	47	5394517	Feb 28, 1995	Kalawsky	
	48	5469536	Nov 21, 1995	Blank	
	49	5553864	Sep 10, 1996	Sitrick	
	50	5557179	Sep 17, 1996	Yang	
	51	5577179	Nov 19, 1996	Blank	
	52	5617482	Apr 1, 1997	Brusewitz	
	53	5625570	Apr 29, 1997	Vizireanu et al.	
	54	5629980	May 13, 1997	Stefik et al.	
	55	5634012	May 27, 1997	Stefik et al.	
	56	5638443	Jun 10, 1997	Stefik et al.	
	57	5644690	Jul 1, 1997	Yoshino et al.	
/P.N./	58	5649032	Jul 15, 1997	Burt et al.	

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
(Use as many sheets as necessary)					
Sheet	3	of	6	Attorney Docket No: 61195-377475	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No ¹	Document Number Number-Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/P.N./	59	5657402	Aug 12, 1997	Bender et al.	
	60	5664690	Sep 9, 1997	Friesen	
	61	5666416	Sep 9, 1997	Micali	
	62	5668595	Sep 16, 1997	Katayama et al.	
	63	5677955	Oct 1, 1997	Doggett et al.	
	64	5680528	Oct 21, 1997	Korszun	
	65	5687306	Nov 11, 1997	Blank	
	66	5715403	Feb 3, 1998	Stefik	
	67	5717757	Feb 10, 1998	Micali	
	68	5724497	Mar 3, 1998	San et al.	
	69	5729674	Mar 17, 1998	Rosewarne et al.	
	70	5736982	Apr 7, 1998	Suzuki et al.	
	71	5771046	Jun 23, 1998	Izawa et al.	
	72	5774125	Jun 30, 1998	Suzuoki et al.	
	73	5793382	Aug 11, 1998	Yerazunis et al.	
	74	5793868	Aug 11, 1998	Micali	
	75	5802296	Sep 1, 1998	Morse et al.	
	76	5815657	Sep 29, 1998	Williams et al.	
	77	5830065	Nov 3, 1998	Sitrick	
	78	5839119	Nov 17, 1998	Krsul et al.	
	79	5846132	Dec 8, 1998	Junkin	
	80	5850463	Dec 15, 1998	Horii	
	81	5852672	Dec 22, 1998	Lu	
	82	5857023	Jan 5, 1999	Demers et al.	
	83	5870101	Feb 9, 1999	Murata et al.	
	84	5880731	Mar 9, 1999	Liles et al.	
	85	5880737	Mar 9, 1999	Griffin et al.	
	86	5884029	Mar 16, 1999	Brush, II et al.	
/P.N./	87	5893110	Apr 6, 1999	Weber et al.	

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
Sheet	4	of	6	Attorney Docket No: 61195-377475	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No ¹	Document Number Number-Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/P.N./	88	5903317	May 11, 1999	Sharir et al.	
	89	5903880	May 11, 1999	Biffar	
	90	5907328	May 25, 1999	Brush, II et al.	
	91	5907626	May 25, 1999	Toklu et al.	
	92	5909218	Jun 1, 1999	Naka et al.	
	93	5912671	Jun 15, 1999	Oka, M.	
	94	5915093	Jun 22, 1999	Berlin et al.	
	95	5923330	Jul 13, 1999	Tarlton et al.	
	96	5926179	Jul 20, 1999	Matsuda et al.	
	97	5930777	Jul 27, 1999	Barber	
	98	5933148	Aug 3, 1999	Oka et al.	
	99	5933153	Aug 3, 1999	Deering et al.	
	100	5933498	Aug 3, 1999	Schneck et al.	
	101	5937394	Aug 10, 1999	Wong et al.	
	102	5945997	Aug 31, 1999	Zhao et al.	
	103	5947823	Sep 7, 1999	Nimura	
	104	5956038	Sep 21, 1999	Rekimoto	
	105	5956039	Sep 21, 1999	Woods et al.	
	106	5963214	Oct 5, 1999	Cok	
	107	5963217	Oct 5, 1999	Grayson et al.	
	108	5963668	Oct 5, 1999	Horikawa et al.	
	109	5966130	Oct 12, 1999	Benman, Jr.	
	110	5966132	Oct 12, 1999	Kakizawa et al.	
	111	5968175	Oct 19, 1999	Morishita et al.	
	112	5977968	Nov 2, 1999	Le Blanc	
	113	5982372	Nov 9, 1999	Brush, II et al.	
	114	5987164	Nov 16, 1999	Szeliski et al.	
	115	6009190	Dec 28, 1999	Szeliski et al.	
/P.N./	116	6020885	Feb 1, 2000	Honda	

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
Sheet	5	of	6	Attorney Docket No: 61195-377475	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No ¹	Document Number Number-Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/P.N./	117	6023270	Feb 8, 2000	Brush, II et al.	
	118	6028960	Feb 22, 2000	Graf et al.	
	119	6029046	Feb 22, 2000	Khan et al.	
	120	6030292	Feb 29, 2000	Hirano et al.	
	121	6031540	Feb 29, 2000	Golin et al.	
	122	6031549	Feb 29, 2000	Hayes-Roth	
/P.N./	123	6351265	Feb 26, 2002	Bulman	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/P.N./	124	GB-1330046	Sep 12, 1973	Morse et al.		
	125	JP-60016770	Jan 28, 1985	Takushi et al.		X
	126	JP-60016772	Jan 28, 1985	Takushi et al.		X
	127	JP-1081586	Mar 27, 1989	Hiroshi		X
	128	EP-0326515	Aug 2, 1989	Wahl		X
	129	JP-1223891	Sep 6, 1989	Ryoji		X
	130	WO-1989009458	Oct 5, 1989	Strandberg		
/P.N./	131	JP-3020870	Jan 29, 1991	Yasushi		X

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.N./	132	MacroMind Director Version 3.0 Studio Manual 4-8, 1991	

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10083425
				Filing Date	Feb 25, 2002
				First Named Inventor	Richard L. Bulman
				Art Unit	2628
				Examiner Name	Phu K. Nguyen
Sheet	6	of	6	Attorney Docket No: 61195-377475	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/P.N./	133	MORISHIMA, et al., "A Facial Motion Synthesis for Intelligent Man-Machine Interface," Systems & Computers in Japan, Jan 1, 1991, Vol. 22, No. 5		
/P.N./	134	SORENSEN, "Terminator 2: A Film Effects Revolution," Computer Graphics World, Oct 1991, Vol. 14, No. 10, pp. 57-62		
/P.N./	135	RIVEST, "PayWord and MicroMint: Two Simple Micropayment Schemes," May 7, 1996		

EXAMINER

/Phu Nguyen/

DATE CONSIDERED

12/19/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional) ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.